



SHRIRAM PISTONS & RINGS LTD.

MD: TS: 14/AUG'24

INTRODUCTION CIRCULAR – MAHINDRA DI BS III MKM 'SSTR'- RING SET

USHA is pleased to launch MAHINDRA DI BS III MKM 'SSTR' ring set in its Tractor aftermarket product range.

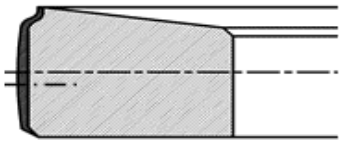

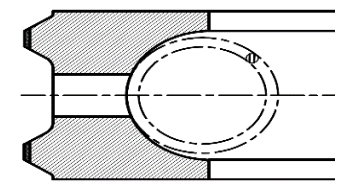


This ring set has following special features:

ITEM	CONFIGURATION	FEATURES	BENEFITS TO CUSTOMER
TOP RING	Special Steel Half Keystone Chrome (CRKHSS)	Special Steel Material (RIK-20A)	Top ring is manufactured using special steel alloy (RIK-20A) material which has properties similar to steel. This material has good elasticity and excellent resistance to twisting, breakage & wear.
		Half Keystone Geometry	Upper side of top ring has keystone geometry which helps in squeezing out excess oil from the groove preventing carbon deposition & sludge formation. Bottom side is kept flat which enables better seating of ring on groove flank resulting in lesser blow-by.
		Chrome Plating	Outer periphery of the ring is chrome plated which provides excellent wear & scuff resistance.
		Parkerising	Side faces are parkerised to provide porous surface for oil retention resulting in better lubrication, hence lesser wear.
2 nd RING	Taper Compression (T)	Taper face	Ring has a Taper on OD to provide line contact with liner resulting in higher wall pressure, hence better sealing.
		Parkerising	Ring is fully parkerised to provide porous surface for oil retention resulting in better lubrication & lesser wear.

OIL RING	Spring Loaded Chrome Plated Cast Iron Profile Ground HTCR (PGV)	Highly Conformable	Ring is provided with a coil spring making it highly conformable with the bore which ensures perfect sealing & excellent oil scraping at all times.
		Chrome Plated & Profile Ground Ring Lands	Ring lands are made uniform throughout the periphery for an effective sealing and efficient scraping of oil due to sharper edges. Chrome plating provides excellent wear & scuff resistance.
		Parkerising	Side faces are parkerised to provide porous surface for oil retention resulting in better lubrication, hence lesser wear.

Technical data of **MAHINDRA DI BS III MKM 'SSTR'** ring set is as under:

TECHNICAL DATA- MAHINDRA DI BS III MKM 'SSTR' - RING SET (Ø 88.90 mm)						
						USHA Code → T26
Ring	Ring Configuration	Axial Thickness (mm)	Closed Gap		Surface Treatment	Cross Section
			(mm)	(Thou)		
Top	CRKHSS	2.50	0.25-0.45	10-18	Chrome Plating/ Parkerising	
2 nd	T	2.00	0.60-0.85	24-34	Parkerising	
Oil	HTCR(PGV)	2.50	0.25-0.45	10-18	Chrome Plating on Lands/ Parkerising	

USHA **MAHINDRA DI BS III MKM 'SSTR'** ring set is specially designed to reduce oil consumption & blow-by for an excellent performance.



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